

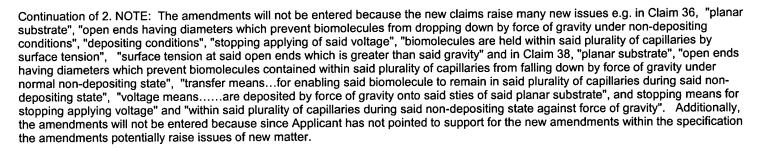
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/631,609	08/04/2000	Takco Tanaami	000807	2753	
75	90 04/05/2002				
Moonray Kojima			EXAMINER		
Box 627			FORMAN, BETTY J		
Williamstown,	MA 01267				
			ART UNIT	PAPER NUMBER	
			1634		
			DATE MAILED: 04/05/2002	χ̈́	
				U	

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Application No. Applicant(s)			
Advisory Action	09/631,609	TANAAMI, TAKEO			
Advisory Addisor	Examiner	Art Unit			
	BJ Forman	1634			
The MAILING DATE of this communication appe	ars on the cover sheet with the c	orrespondence add	ress		
THE REPLY FILED 25 March 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.					
PERIOD FOR REPLY [check either a) or b)]					
a) The period for reply expires 3 months from the mailing date b) The period for reply expires on: (1) the mailing date of this A no event, however, will the statutory period for reply expire I ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS 706.07(f). Extensions of time may be obtained under 37 CFR 1.136(a). The fee have been filed is the date for purposes of determining the period of fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of (2) as set forth in (b) above, if checked. Any reply received by the Office	Advisory Action, or (2) the date set forth ater than SIX MONTHS from the mailing FILED WITHIN TWO MONTHS OF THE date on which the petition under 37 CF of extension and the corresponding amount the shortened statutory period for reply	g date of the final rejecting FINAL REJECTION. R 1.136(a) and the appropertion of the fee. The appropertion or the fee. The appropertion of the fee.	on. See MPEP opriate extension ropriate extension Office action; or		
timely filed, may reduce any earned patent term adjustment. See 37 C	CFR 1.704(b).		ouch, over a		
 A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal. 					
2. The proposed amendment(s) will not be entered be					
(a) X they raise new issues that would require further		see NOTE below);			
(b) ⊠ they raise the issue of new matter (see Note b			100 2 11		
(c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or					
(d) they present additional claims without canceli	ing a corresponding number of f	inally rejected claim	ıs.		
NOTE: See Continuation Sheet.					
3. Applicant's reply has overcome the following rejection(s):					
4. Newly proposed or amended claim(s) would canceling the non-allowable claim(s).	be allowable if submitted in a se	eparate, timely filed	amendment		
5. ☐ The a) ☐ affidavit, b) ☐ exhibit, or c) ☐ request for application in condition for allowance because:		idered but does NO	T place the		
6. The affidavit or exhibit will NOT be considered bed raised by the Examiner in the final rejection.	cause it is not directed SOLELY	to issues which wer	e newly		
7. For purposes of Appeal, the proposed amendment explanation of how the new or amended claims w			and an		
The status of the claim(s) is (or will be) as follows:					
Claim(s) allowed:					
Claim(s) objected to:					
Claim(s) rejected: 31-35.					
Claim(s) withdrawn from consideration:					
8. The proposed drawing correction filed on is	a) approved or b) disapp	proved by the Exam	iner.		
9. Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)					
10. Other:					



Response to Arguments:

Applicant argue that Balch does not apply electric force to enable biomolecules to fall down through the opening during the depositing state in addition to end openings of a diameter to other wise hold the biomolecule in the capillaries during the non-depositing state when no electric is applied. Applicant further argues that Haff does not teach control application of electric field to enable biomolecules to fall down through the openings during the depositing condition and end openings of a diameter which prevents biomolecules from falling down during the non-depositing condition. Finally, Applicant argues that Balch teaches that priming (using pressure) and continuous flow of the probe solution through the capillaries is thereafter facilitated by electro-osmotic or electro-phoretic force and hence Balch does not teach or suggest use of surface tension at the capillary opening to stop the flow in a non-deposit condition combined with the use of electric to cause deposit against the surface tension force during the depositing condition.

The arguments have been considered but are deemed moot because they address the new claims and amendments which have not been entered. Therefore, the arguments are not relevant to the rejected claims.

BJ Forman, PhD. Patent Examiner: 1634 1 April 2002

W. Gary Jones

Supervisory Patent Examiner Technology Center 1600